

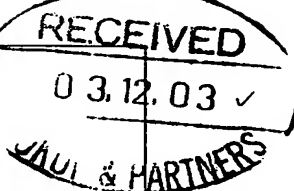
# PATENT COOPERATION TREATY

FROM THE RECEIVING OFFICE

TO:

FUKUI TOYOAKI

ROOM 860, UCHIHONMACHI MATSUYA BLDG.10TH  
1-19, UCHIHONMACHI 2-CHOME, CHUO-KU OSA  
KA-SHI OSAKA 540-0026 JAPAN



P C T

NOTIFICATION OF THE INTERNATIONAL  
APPLICATION NUMBER AND OF THE  
INTERNATIONAL FILING DATE  
(PCT RULES 20.5(C))

PCT/JP03/14607

RO105

DATE OF MAILING(DAY/MONTH/YEAR)

02.12.03

APPLICANT'S OR AGENT'S FILE REFERENCE

P031795-P0

IMPORTANT NOTIFICATION

INTERNATIONAL APPLICATION NO.

PCT/JP03/14607

INTERNATIONAL FILING DATE(DAY/MONTH/YEAR)

17.11.03

PRIORITY DATE(DAY/MONTH/YEAR)

19.11.02

APPLICANT

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

1. THE APPLICANT IS HEREBY NOTIFIED THAT THE INTERNATIONAL APPLICATION HAS BEEN ACCORDED THE INTERNATIONAL APPLICATION NUMBER AND THE INTERNATIONAL FILING DATE INDICATED ABOVE.

THE APPLICANT IS FURTHER NOTIFIED THAT THE RECORD COPY OF THE INTERNATIONAL APPLICATION WAS TRANSMITTED TO THE INTERNATIONAL BUREAU ON 02.12.03

## NOTE

- a. THE INTERNATIONAL APPLICATION NUMBER CONSISTS OF THE TERM PCT REPRESENTING PATENT COOPERATION TREATY, A 2-LETTER CODE FOR THE RECEIVING OFFICE (FOR EXAMPLE, JP FOR JAPAN PATENT OFFICE), A 2-DIGIT NUMBER REPRESENTING THE YEAR, A SLASH, AND A 5-DIGIT NUMBER.
- b. THE INTERNATIONAL FILING DATE SHALL BE ACCORDED TO THE INTERNATIONAL APPLICATION THAT FULFILLS THE REQUIREMENTS PROVIDED UNDER ARTICLE 4(1) OF LAW CONCERNING INTERNATIONAL APPLICATIONS, ETC. PURSUANT TO THE PCT.
- c. IF THERE IS A CHANGE IN THE PERSON, NAME, ADDRESS, ETC., NOTIFICATION OF CHANGE THEREOF SHALL BE SUBMITTED PROMPTLY.
- d. IF THERE IS AN ERROR IN THE NAME, ADDRESS OF THE APPLICANT INDICATED IN THIS NOTIFICATION, IT SHALL BE CORRECTED ON THE REQUEST.
- e. UPON RECEIPT OF THE RECORD COPY FROM THE RECEIVING OFFICE, THE INTERNATIONAL BUREAU SHALL NOTIFY THE APPLICANT ACCORDINGLY (FROM PCT/IB/301). IF THE INTERNATIONAL BUREAU HAS NOT RECEIVED THE RECORD COPY BY THE EXPIRATION OF 14 MONTHS FROM THE PRIORITY DATE, IT SHALL NOTIFY THE APPLICANT ACCORDINGLY (PCT RULE 22.1(C)).

NAME AND MAILING ADDRESS OF THE RECEIVING OFFICE

JAPAN PATENT OFFICE(RO/JP)

4-3,KASUMIGASEKI 3-CHOME,

CHIYODA-KU,TOKYO 100-8915 JAPAN

TELEPHONE NO. 03-3592-1308

FORM PCT/RO/105 (JULY 1998)

AUTHORIZED OFFICER

Commissioner

Japan Patent Office

MA1667PCT

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

# PCT

To:

FUKUI, Toyoaki  
Room 860, Uchihonmachi Matsuya  
Bldg.10th, 1-19, Uchihonmachi  
2-chome, Chuo-ku  
Osaka-shi, Osaka 540-0026  
JAPAN

NOTIFICATION OF RECEIPT  
OF SEARCH COPY

(PCT Rule 25.1)

RECEIVED

04.2.16

FUKUI & PARTNERS

Date of mailing  
(day/month/year)

03/02/2004

Applicant's or agent's file reference

P031795-P0

IMPORTANT NOTIFICATION

International application No.

PCT/JP 03/14607

International filing date(day/month/year)

17/11/2003

Priority date (day/month/year)

19/11/2002

Applicant

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

**1. Where the International Searching Authority and the Receiving Office are not the same office:**

The applicant is hereby notified that the search copy of the international application was received by this International Searching Authority on the date indicated below.

**Where the International Searching Authority and the Receiving Office are the same office:**

The applicant is hereby notified that the search copy of the international application was received on the date indicated below.

04/12/2003 (date of receipt).

2. ☐ The search copy was accompanied by a nucleotide and/or amino acid sequence listing in computer readable form.

**3. Time limit for establishment of International Search Report**

The applicant is informed that the time limit for establishing the International Search Report is 3 months from the date of receipt indicated above or 9 months from the priority date, whichever time limit expires later

4. A copy of this notification has been sent to the International Bureau and, where the first sentence of paragraph 1 applies, to the Receiving Office.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2  
NL-2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

ISA/EP

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

RECEIVED

04.2.12

FUKUI & PARTNERS

PCT

To:

FUKUI, Toyoaki  
Room 860, Uchihonmachi Matsuya  
Bldg.10th, 1-19, Uchihonmachi  
2-chome, Chuo-ku  
Osaka-shi, Osaka 540-0026  
JAPAN

COMMUNICATION IN CASES FOR WHICH  
NO OTHER FORM IS APPLICABLE

Date of mailing  
(day/month/year)

03/02/2004

Applicant's or agent's file reference

P031795 - P0

**REPLY DUE**

See paragraph 1 below

International application No.

PCT/JP 03/14607

International filing date  
(day/month/year)

17/11/2003

Applicant

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

1. ☐ **REPLY DUE** within \_\_\_\_\_ ~~XXXX~~ days from the above date of mailing

☒ **NO REPLY DUE**

2. **COMMUNICATION:**

The applicant is informed that establishment of the international search report (ISR) for non first-filings may be delayed due to a current search backlog.

Although the time limit for entering the national phase before designated offices under Article 22(1) PCT and elected offices under Article 39(1) PCT has, with effect from 1 April 2002 (see PCT Gazette 44/2001 Section IV) been set at 30 months from the priority date (before the EPO the time limit is 31 months from the priority date - see Rule 107 EPC as amended with effect from 2 January 2002 - OJ EPO 8-9/2001, 373) **not all PCT contracting states have yet made the necessary changes to their national laws and will for the time being continue to require entry to the national phase at 20/21 months from the priority date if a demand has not been filed before the end of 19 months from the priority date** - see PCT Gazette/PCT Newsletter available on the WIPO internet site at <http://www.wipo.int/pct/en/index.html> for an up to date list of the applicable time limits.

In these circumstances, the EPO acting as IPEA will accept, without any late payment fee under Rule 58bis PCT, the handling fee and the preliminary examination fee due in respect of the demand relating to the present application, even if they are not paid within the time limit prescribed in Rules 57.3 and 58.1(b) PCT, **provided that they are paid within one month from the date of transmittal of the ISR**; i.e., the EPO will only send an invitation pursuant to Rule 58bis.1(a) PCT after expiry of this one-month period. In all cases where the EPO has sent an invitation to pay and the applicant has not paid in full the amount due, the demand shall be considered as if it had not been submitted (Rule 58bis.1(b)-(d) PCT). A loss of rights may well be the consequence in designated states where the time limit for entry into the national phase under Article 22 PCT has already expired (see also Article 37(4) PCT).

Note that if the competent IPEA chosen by the applicant is not the EPO and if the fees mentioned above are not paid within the time limit prescribed in Rules 57.3 and 58.1(b) PCT, the competent IPEA is entitled to apply Rule 58bis.1(a) PCT immediately thereafter.

If your application is affected, we apologise for any inconvenience caused.

Finally, applicants are reminded that as of 3 January 2002 a rationalised PCT II procedure may apply, see OJ EPO 11/2001, 539 and that the EPO as ISA will not carry out international search on an application which relates to no more than a method of doing business, see OJ EPO 10/2001, 482. Applicants should also bear in mind the restriction of the EPO's competence as ISA and IPEA in certain technical fields in respect of certain international applications, see OJ EPO 1/2002, 52 and PCT Newsletter 1/2002 for further details.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2  
NL-2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

ISA/EP

## PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF RECEIPT OF  
RECORD COPY

(PCT Rule 24.2(a))

To:

FUKUI, Toyoaki  
Room 860, Uchihonmachi Matsuya  
Bldg.10th  
1-19, Uchihonmachi 2-chome, Chuo-ku  
Osaka-shi, Osaka 540-0026  
Japan

Date of mailing (day/month/year) 16 December 2003 (16.12.03)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference P031795-P0	International application No. PCT/JP03/14607

The applicant is hereby notified that the International Bureau has received the record copy of the international application as detailed below.

Name(s) of the applicant(s) and State(s) for which they are applicants:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. (for all designated States except US)  
NAKABE, Futoshi (for US)

International filing date : 17 November 2003 (17.11.03)

Priority date(s) claimed : 19 November 2002 (19.11.02)

Date of receipt of the record copy  
by the International Bureau : 05 December 2003 (05.12.03)

List of designated Offices :

EP : AT,BE,BG,CH,CY,CZ,DE,DK,EE,ES,FI,FR,GB,GR,HU,IE,IT,LU,MC,NL,PT,RO,SE,SI,SK,TR  
National : CN,KR,US

## ATTENTION

The applicant should carefully check the data appearing in this Notification. In case of any discrepancy between these data and the indications in the international application, the applicant should immediately inform the International Bureau.

In addition, the applicant's attention is drawn to the information contained in the Annex, relating to:

- ☒ time limits for entry into the national phase - see updated important information (as of April 2002)
- ☒ confirmation of precautionary designations (if applicable)
- ☒ requirements regarding priority documents (if applicable)

A copy of this Notification is being sent to the receiving Office and to the International Searching Authority.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer:  Lazar Joseph PANAKAL (Fax 338 9090)
Facsimile No. (41-22) 338.90.90	Telephone No. (41-22) 338 9634



## PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

To:

FUKUI, Toyoaki  
Room 860, Uchihonmachi Matsuya  
Bldg.10th  
1-19, Uchihonmachi 2-chome, Chuo-ku  
Osaka-shi, Osaka 540-0026  
Japan

NOTIFICATION CONCERNING  
SUBMISSION OR TRANSMITTAL  
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

Date of mailing (day/month/year) 15 February 2004 (15.02.2004)	<b>IMPORTANT NOTIFICATION</b>
Applicant's or agent's file reference P031795-P0	
International application No. PCT/JP2003/014607	International filing date (day/month/year) 17 November 2003 (17.11.2003)
International publication date (day/month/year) Not yet published	Priority date (day/month/year) 19 November 2002 (19.11.2002)
Applicant MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. et al	

- By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- (If applicable) The letters "NR" appearing in the right-hand column denote a **priority document which, on the date of mailing of this Form, had not yet been received by the International Bureau** under Rule 17.1(a) or (b). Where, under Rule 17.1(a), the priority document must be submitted by the applicant to the receiving Office or the International Bureau, but the applicant fails to submit the priority document within the applicable time limit under that Rule, **the attention of the applicant is directed to Rule 17.1(c)** which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- (If applicable) An asterisk(\*) appearing next to a date of receipt, in the right-hand column, denotes a **priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b)** (the priority document was received after the time limit prescribed in Rule 17.1(a) or the request to prepare and transmit the priority document was submitted to the receiving Office after the applicable time limit under Rule 17.1(b)). Even though the priority document was not furnished in compliance with Rule 17.1(a) or (b), the International Bureau will nevertheless transmit a copy of the document to the designated Offices, for their consideration. In case such a copy is not accepted by the designated Office as priority document, Rule 17.1(c) provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
19 Nove 2002 (19.11.2002)	NO.2002-335659	JP	09 Janu 2004 (09.01.2004)

<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No. (41-22) 338.90.90</p>	<p>Authorized officer taïeb AKREMI (Fax 338 9090)</p> <p>Telephone No. (41-22) 338 9415</p>
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## PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTICE INFORMING THE APPLICANT OF THE  
COMMUNICATION OF THE INTERNATIONAL  
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

FUKUI, Toyoaki  
Room 860, Uchihonmachi Matsuya Bldg. 10th  
1-19, Uchihonmachi 2-chome, Chuo-ku  
Osaka-shi, Osaka 540-0026  
JAPON

Date of mailing ( <i>day/month/year</i> ) 03 June 2004 (03.06.2004)		IMPORTANT NOTICE	
Applicant's or agent's file reference P031795-P0			
International application No. PCT/JP2003/014607	International filing date ( <i>day/month/year</i> ) 17 November 2003 (17.11.2003)	Priority date ( <i>day/month/year</i> ) 19 November 2002 (19.11.2002)	
Applicant MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. et al			

1. Notice is hereby given that the International Bureau has **communicated**, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this notice:

CN, EP, KR, US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

None

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this notice is a copy of the international application as published by the International Bureau on 03 June 2004 (03.06.2004) under No. WO 2004/047003

4. **TIME LIMITS for filing a demand for international preliminary examination and for entry into the national phase**

The applicable time limit for entering the national phase will, subject to what is said in the following paragraph, be **30 MONTHS** from the priority date, not only in respect of any elected Office if a demand for international preliminary examination is filed before the expiration of **19 months** from the priority date, but also in respect of any designated Office, in the absence of filing of such demand, where Article 22(1) as modified with effect from 1 April 2002 applies in respect of that designated Office. For further details, see *PCT Gazette* No. 44/2001 of 1 November 2001, pages 19926, 19932 and 19934, as well as the *PCT Newsletter*, October and November 2001 and February 2002 issues.

In practice, time limits other than the 30-month time limit will continue to apply, for various periods of time, in respect of certain designated or elected Offices. For regular updates on the applicable time limits (20, 21, 30 or 31 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

For filing a demand for international preliminary examination, see the *PCT Applicant's Guide*, Volume I/A, Chapter IX. Only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

It is the applicant's sole responsibility to monitor all these time limits.

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Yoshiko Kuwahara

Facsimile No.+41 22 740 14 35

Facsimile No.+41 22 338 90 90

## PCT REQUEST

P031795-P0

Original (for SUBMISSION) - printed on 13.11.2003 01:06:35 PM

<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	
<b>0-2</b>	International Filing Date	
<b>0-3</b>	Name of receiving Office and "PCT International Application"	
<b>0-4</b>	<b>Form - PCT/RO/101 PCT Request</b>	
<b>0-4-1</b>	Prepared using	<b>PCT-EASY Version 2.92 (updated 01.07.2003)</b>
<b>0-5</b>	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	<b>Receiving Office (specified by the applicant)</b>	<b>Japan Patent Office (RO/JP)</b>
<b>0-7</b>	<b>Applicant's or agent's file reference</b>	<b>P031795-P0</b>
<b>I</b>	<b>Title of invention</b>	<b>CONTACTLESS IC CARD</b>
<b>II</b>	<b>Applicant</b>	
<b>II-1</b>	This person is:	<b>applicant only</b>
<b>II-2</b>	Applicant for	<b>all designated States except US</b>
<b>II-4</b>	Name	<b>MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.</b>
<b>II-5</b>	Address:	<b>1006, Oaza kadoma Kadoma-shi, Osaka 571-8501 Japan</b>
<b>II-6</b>	State of nationality	<b>JP</b>
<b>II-7</b>	State of residence	<b>JP</b>
<b>II-8</b>	Telephone No.	<b>06-6906-4128</b>
<b>II-9</b>	Facsimile No.	<b>06-6906-1643</b>
<b>III-1</b>	<b>Applicant and/or inventor</b>	
<b>III-1-1</b>	This person is:	<b>applicant and inventor</b>
<b>III-1-2</b>	Applicant for	<b>US only</b>
<b>III-1-4</b>	Name (LAST, First)	<b>NAKABE, Futoshi</b>
<b>III-1-5</b>	Address:	<b>8-22-14, Nishihara, Asaminami-ku Hiroshima-shi, Hiroshima 731-0113 Japan</b>
<b>III-1-6</b>	State of nationality	<b>JP</b>
<b>III-1-7</b>	State of residence	<b>JP</b>

## PCT REQUEST

P031795-P0

Original (for SUBMISSION) - printed on 13.11.2003 01:06:35 PM

<b>IV-1</b>	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	<b>agent</b>
<b>IV-1-1</b>	Name (LAST, First)	<b>FUKUI, Toyoaki</b>
<b>IV-1-2</b>	Address:	<b>Room 860, Uchihonmachi Matsuya Bldg.10th 1-19, Uchihonmachi 2-chome, Chuo-ku Osaka-shi, Osaka 540-0026 Japan</b>
<b>IV-1-3</b>	Telephone No.	<b>06-6946-1088</b>
<b>IV-1-4</b>	Facsimile No.	<b>06-6941-5110</b>
<b>IV-1-5</b>	e-mail	<b>fukui@fukui-ip.com</b>
<b>V</b>	<b>Designation of States</b>	
<b>V-1</b>	<b>Regional Patent</b> (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<b>EP: AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</b>
<b>V-2</b>	<b>National Patent</b> (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<b>CN KR US</b>
<b>V-5</b>	<b>Precautionary Designation Statement</b> In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
<b>V-6</b>	<b>Exclusion(s) from precautionary designations</b>	<b>NONE</b>
<b>VI-1</b>	<b>Priority claim of earlier national application</b>	
<b>VI-1-1</b>	Filing date	<b>19 November 2002 (19.11.2002)</b>
<b>VI-1-2</b>	Number	<b>Patent Application No. 2002-335659</b>
<b>VI-1-3</b>	Country	<b>JP</b>
<b>VI-2</b>	<b>Priority document request</b> The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	<b>VI-1</b>



## PCT REQUEST

P031795-P0

Original (for SUBMISSION) - printed on 13.11.2003 01:06:35 PM

VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	4	-
IX-2	Description	26	-
IX-3	Claims	3	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	11	-
IX-7	TOTAL	45	
	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-17	PCT-EASY diskette	-	Diskette
IX-18	Other (specified):	Revenue stamps of transmittal fee for receiving office	-
IX-18	Other (specified):	Submission of certificate of payment for search fee	-
IX-18	Other (specified):	Submission of certificate of payment for international fee	-
IX-19	Figure of the drawings which should accompany the abstract	5	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	<i>Toyoaki Fukui</i>	
X-1-1	Name (LAST, First)	FUKUI, Toyoaki	

**PCT REQUEST**

Original (for SUBMISSION) - printed on 13.11.2003 01:06:35 PM

**FOR RECEIVING OFFICE USE ONLY**

10-1	Date of actual receipt of the purported International application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported International application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

**FOR INTERNATIONAL BUREAU USE ONLY**

11-1	Date of receipt of the record copy by the International Bureau	
------	--	--

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

## PCT

NOTIFICATION OF TRANSMITTAL OF  
THE INTERNATIONAL SEARCH REPORT  
OR THE DECLARATION

(PCT Rule 44.1)

To:

FUKUI, Toyooki  
Room 860, Uchihonmachi Matsuya  
Bldg.10th, 1-19, Uchihonmachi  
2-chome, Chuo-ku  
Osaka-shi, Osaka 540-0026  
JAPAN

Date of mailing  
(day/month/year)

18/03/2004

Applicant's or agent's file reference

P031795-P0

**FOR FURTHER ACTION**

See paragraphs 1 and 4 below

International application No.

PCT/JP 03/14607

International filing date  
(day/month/year)

17/11/2003

Applicant

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

**Filing of amendments and statement under Article 19:**

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

**When?** The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

**Where?** Directly to the International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland  
Facsimile No.: (41-22) 740.14.35

**For more detailed instructions,** see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2  
NL-2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Eric Walsh

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>P031795-P0</b>	<b>FOR FURTHER ACTION</b>		see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. <b>PCT/JP 03/14607</b>	International filing date (day/month/year) <b>17/11/2003</b>	(Earliest) Priority Date (day/month/year) <b>19/11/2002</b>	
Applicant  <b>MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.</b>			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

### 1. Basis of the report

a. With regard to the **language**; the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

5

☐ None of the figures.

## INTERNATIONAL SEARCH REPORT

International Application No

P 03/14607

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G06K7/00 G06K19/07

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 197 909 A (MATSUSHITA ELECTRIC IND CO LTD) 17 April 2002 (2002-04-17) page 5, line 22 - page 6, line 16; figures 5,6	1
A	US 6 040 786 A (FUJIOKA SHUZO) 21 March 2000 (2000-03-21) abstract	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

10 March 2004

Date of mailing of the international search report

18/03/2004

Name and mailing address of the ISA

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 Fax: (+31-70) 340-3016

Authorized officer

Degraeve, A

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

P 03/14607

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1197909	A	17-04-2002	EP 1197909 A1	17-04-2002
			JP 2002203219 A	19-07-2002
			US 2002046226 A1	18-04-2002
US 6040786	A	21-03-2000	JP 11205334 A	30-07-1999
			TW 437250 B	28-05-2001